

Habitat Project Proposal

Proposal Title: Hart Draw Phase 1 Cont.

Proposal Number: 1231

DWR Region: Southeastern Region

Lead Agency: BLM

County: San Juan

Project Manager: Tammy Wallace

PM Phone: 4356133717

Regional Priority: Within Focus Area

Project Type: Terrestrial Habitat

Proposed Start Date: 10/01/2008

Project Location: Hart Draw (along state HWY 211) toward Canyonlands National Park.

Project Description: Re-establish 100 acres of shrub/forb/grass communities in the Hart Draw bottom areas and establish young sagebrush on 300 acres of Hart Draw to vary the age class of shrubs.

Description of Problem/Need: The original Phase I of Hart Draw was conducted in the fall of 2005. There were record low temperatures and the ground was frozen solid when the Lawson Aerator was used on the project. The following spring was extremely dry and after two years, it appears that the seeding has failed. Hart Draw is crucial deer winter range for hundreds of deer each winter. Without the establishment of new sagebrush, Hart Draw will continue to lose its value as a sagebrush community for mule deer and other sagebrush obligates.

Objectives: Establish grasses, forbs, and shrubs on critical mule deer winter habitat in Hart Draw.

Relevance to Strategic Plans: This project is consistent with the BLM San Juan Resource Management Plan and the San Juan County General Master Plan. Hart Draw is also within UPCD focus areas.

Potential Risks: Drought may be a factor again in establishing seed.

Proposed Methods: First step would be to aerial seed approximately 300 acres with sagebrush seed. This would be done in coordination with UDWR and would take one plane one day to complete. The second step would consist of using a rangeland drill to seed a grass/forbs mix on approximately 100 acres along the wash bottoms. This would be done in coordination with UDWR for the tractor (and person to drive the tractor) and Great Basin for the rangeland drill. This would take three to four days depending on travel time and maintenance.

Shapefile Name: Hart Draw Phase I cont.shp

Seed Source: GBRC

UPCD Reg Team Coord Date: 01/15/2008

Proposed NEPA Action:

Proposed Arch Action:

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

Monitoring Details: Monitoring of the project will be done through permanent vegetation transect and photo plots. On each treatment plot, photographs will be taken on five treatment belts and five untreated belts yearly around July 1. A brief verbal description of the major plant species present would accompany each photograph. After the initial trend reading and another reading after three years, the trend study sites will be read every five years by a UDWR range crew. The BLM would also continue to monitor the area using a qualitative assessment made in accordance with the Fundamentals of Rangeland Health and associated with Utah Standards as well as methods for estimating ecological condition and current trend.

Cons. Outreach Details:

SPECIES BENEFITING

Mule Deer

Brewer's Sparrow

Sage Thrasher

Sage Sparrow

Gunnison's Prairie-dog

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LAND OWNERSHIP

Owner	Acres
BLM	300
Total	300

PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
DNR Watershed (FY09)	\$14,800.00		\$0.00
BLM	\$6,000.00		\$0.00
Totals	\$20,800.00		\$0.00

PROPOSED BUDGET

Item	Description	DWR Account	In Kind/ Partner Contrib.
Contractual Services	aerial seed 300 acres @ \$15/acre	\$0.00	\$4,500.00
Seed (GBRC)	\$100/acres for 100 acres 300 acres of ARTRW \$16/lb	\$14,800.00	\$0.00
Materials and Supplies	gasoline, tire repair, other maintenance costs	\$0.00	\$1,500.00
Totals		\$14,800.00	\$6,000.00

Project Map:

